

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L41	50	("4563074"   "4806977"   "5028966"   "5111244"   "5406355"   "5740491"   "5745824"   "5805959"   "5845176"   "5893006"   "5920752").PN. OR ("6041203"). URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2008/07/10 10:22
L42	32	("4236807"   "4325626"   "4335950"   "4376577"   "4386841"   "4588280"   "4647178"   "4708455"   "4714337"   "4740817"   "4760424"   "4851875"   "4873548"   "4876572"   "4888620"   "4912563").PN. OR ("5111244").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2008/07/10 10:48
S159	8843	(replac\$3 or replaceable or remov \$3 or removeable or attach\$3 or mount\$3 or dismount\$3) with (develop\$3 near (unit or cartridge or cassette))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 16:00
S160	6992	("399".clas. or G03G\$.ipc.) and S159	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 15:59
S161	2913	("399".clas. or G03G\$.ipc.) and (remov\$3 or removeable) with (develop\$3 near (unit or cartridge or cassette))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 16:00
S162	2475	("399".clas. or G03G\$.ipc.) and (remov\$3 or removeable) with (develop\$3 near (unit))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 16:01
S163	773	("399".clas. or G03G\$.ipc.) and (detach\$3) with (develop\$3 near unit))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 16:01
S164	16	("4358699"   "4387980"   "4455078"   "4987446"   "5006902"   "5012282"   "5055882"   "5060016"   "5105221").PN. OR ("5289234"). URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2008/01/08 16:34

S165	2	10/996309	US-PGRUB; USPAT; USOCR	OR	ON	2008/01/08 16:36
S166	2335	(399/111,113-116,119,123).ccls.	US-PGRUB; USPAT	OR	ON	2008/07/10 06:10
S167	80	399/115.ccls.	US-PGRUB; USPAT	OR	ON	2008/07/10 06:10
S168	112	399/123.ccls.	US-PGRUB; USPAT	OR	ON	2008/07/10 06:10
S169	3	S167 and S168	US-PGRUB; USPAT	OR	ON	2008/07/10 06:10
S170	42000	(replac\$4 with clean\$4)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S171	27444	(replac\$4 with develop\$4)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S172	27608	(replac\$4 with charg\$4)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S173	4166	(replac\$4 with ("Image bearing member" "photosensitive drum" "photo conductor drum" "photoconductive drum" "latent image bearing member" "Organic photo conductor" OPC "photoconducting drum" "photoconducting member" photoreceptor "photoreceptive member" "photoreceptive device" "photoreceptive drum" "image forming drum" "image forming member" "image carrying device" "image receiver" "image receiving member" "photosensitive member" "image-forming drum" "image-forming member" ((photorecept\$3 or photoreceiv\$4 or photoconduct\$3 or (image adj (bear\$3 or carr\$4 or format\$3 or form\$3 or receiv\$4)) or image-bear\$3 or image-form\$3 or "photo conductor" or "photo conductive" or photosensitive) adj (drum or device or member or belt)) ))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S174	171	S170 and S171 and S172 and S173	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10

S175	849	S166 and (S170 or S171 or S172 or S173 or S174)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S176	2335	S166 or S175	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S177	19	"399".clas. and (magnet\$4 with pole with develop\$4 with group \$4)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S178	105	"399".clas. and (replac\$4 with clean\$4 with blade) and (((replac \$4 with bias with roller) and (replac\$4 with recovery with roller)) or (replac\$4 with clean\$4 with roller))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S179	7	"399".clas. and ((potential near5 (sens\$4 or detect\$4)) same (density near5 (sens\$4 or detect \$4)) same (temperature near5 (sens\$4 or detect\$4)) same (humidity near5 (sens\$4 or detect \$4)) same (cartridge or ("process kit" or "process device" or "process unit"))))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S180	39	"399".clas. and ((potential near5 (sens\$4 or detect\$4)) same (density near5 (sens\$4 or detect \$4)) same (temperature near5 (sens\$4 or detect\$4)) same (humidity near5 (sens\$4 or detect \$4)))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S181	9	"399".clas. and (magnet\$4 with pole with develop\$4 with group\$4 with direction)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S182	88	toner and (((functional near group) same nitrogen same polyester same (color\$4 or pigment\$4) same ((mold or releasing) near agent))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S183	2533	toner and (((("degree of roundness" "circularity of form" ((degree near round\$4) or circularity or DOR or roundness) "spherical degree")) same ("0.93"\$ "0.94"\$ "0.95"\$ "0.96"\$ "0.97"\$ "0.98"\$ "0.99"\$ "1.0"))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10

S184	31	S183 and ((elliptic\$4 or ellip\$4) near6 toner)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S185	2446	toner same (((("degree of roundness" "circularity of form" ((degree near round\$4) or circularity or DOR or roundness) "spherical degree")) same ("0.93"\$ "0.94"\$ "0.95"\$ "0.96"\$ "0.97"\$ "0.98"\$ "0.99"\$ "1.0"))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S186	95	S185 and "minor axis" and "major axis"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S187	199	((volume with average with particle with number with size with ratio) same ("1.05"\$2 "1.06"\$2 "1.07"\$2 "1.08"\$2 "1.09"\$2 "1.1"\$2 "1.2"\$2 "1.3"\$2 "1.40")) same toner	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S188	56	S187 and S185	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S189	81	"399".clas. and (user with toner with refill\$4)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S190	37	(process with cartridge with contact with (electric\$4 or electrical\$4) with one with position)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S191	32	"399".clas. and S190	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S192	4	(develop\$4 with magnet\$4 with group with main with pole with direction with position)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10

S193	7	((develop\$4 with magnet\$4 with group with main with pole) same direction same position)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S194	8	((develop\$4 with magnet\$4 with group with main with pole) same direction same position\$4)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S195	695	("399".clas. or G03G\$.ipc.) and (detach\$3) with (develop\$3 near (unit))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10
S196	198	(S169 S176 S177 S178 S179 S180 S181 S182 S188 S189 S191 S192 S193 S194 S184 S186 S195) and @pd> "20080108"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/10 06:10

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